

FIG. 12a.

A

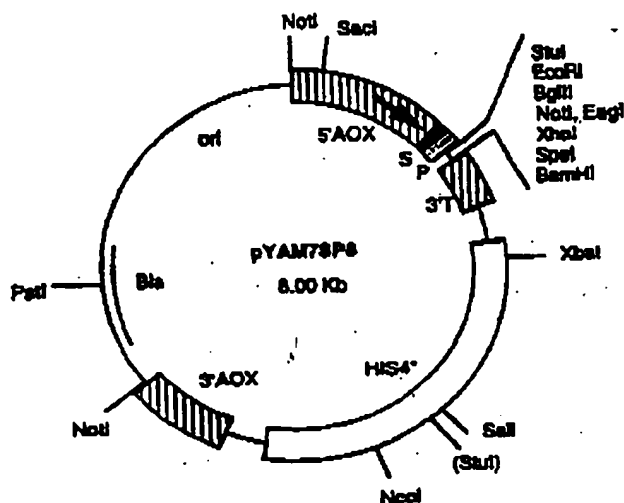


FIG. 12b.

B

<---5'AOX1----->-----PHO1 secretion signal (S)---
TTATTGCGAAACGATGTTCTCTCCAATTTTGTCTTGGAAATTATTTTA
 ----->-----Pro Sequence (P)-----
 GCTACTTTGCAATCTGTCTTCGCCAGCCAGTTATCTCCACTACCGTTGGTTCC
 ----->-----Multi-Cloning Site (MCS)
 GCTGCCGAGGGTTCTTTGGACAAGAGGCCCTATCCGCGGAATTCAGATCTGAAT
 StuI SacII EcoRI BglII
 ----->-----3'T-----
 CGGGCCGCTCGAGACTAGTGGATCCTTAGACA...
 NotI SpeI BamHI